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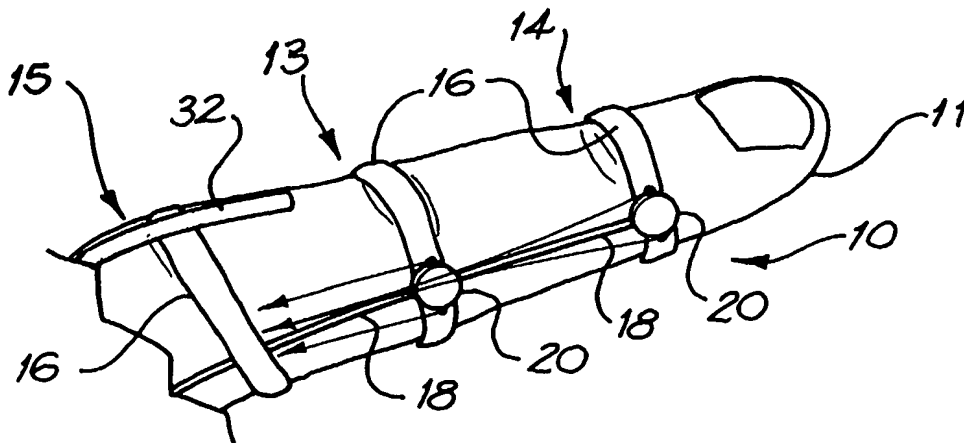
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(54) Title: MOVEMENT FACILITATION DEVICE



(57) **Abstract:** The present invention concerns movement facilitation devices for facilitating movement between a first portion of a first object and a second portion of the first object. One or more of the movement facilitation devices may be combined to form a movement device for facilitating movement of at least one joint or limb of a patient's body. One form of a movement device according to the invention is a glove which at least partially encloses the joint or limb. The invention also encompasses systems for applying Continuous Passive Motion therapy to a joint or limb of a patient using the devices of the invention. The invention also encompasses the use of shape memory materials and of conducting polymers in the devices and systems of the invention, as well as the design of force transducers and actuators that may be used in the devices.

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